7. The mobile device of claim 6, wherein the first sensor has a first pixel pitch, and

the second sensor has a second pixel pitch smaller than the first pixel pitch.

8. The mobile device of claim 6, wherein the first lens and the second lens are disposed in a same side of the mobile device.

9. The mobile device of claim 6, wherein the first lens is configured to provide a wide angle zoom, and

the second lens is configured to provide a telescopic zoom.

10. The mobile device of claim 6, wherein the first sensor is locationally separated from the second sensor.

11. The mobile device of claim 6, wherein the first sensor and the second sensor are logically divided regions in a single image sensor.

12. A mobile device comprising:

a first lens element having a first aperture;

a second lens having a second aperture larger than the first aperture;

a first sensor of a first size, the first sensor being disposed in correspondence to the first lens, and the first sensor having a first pixel pitch; and

a second sensor of a second size smaller than the first size, the second sensor being disposed in correspondence to the second lens, and the second sensor having a second pixel pitch smaller than the first pixel pitch.

13. The mobile device of claim 12, wherein the mobile device is configured to extract depth information from a first image obtained via the first lens and the first sensor and a second image obtained via the second lens and the second sensor.

14. The mobile device of claim 12, wherein the first lens and the second lens are disposed in a same side of the mobile device.

15. The mobile device of claim 12, wherein the first lens element is configured to provide a wide angle zoom, and

the second lens is configured to provide a telescopic zoom.

16. The mobile device of claim 12, wherein the first sensor has a first size, the first size being a size of the first sensor from a top view, and

the second sensor has a second size smaller than the first size, the second size being a size of the second sensor from a top view.

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